

14461 U.S. PTO  
013004

PATENT

Docket No. ND-1

Customer No. 26857

Commissioner for Patents  
P.O. Box 1450,  
Alexandria, VA 22313-1450

22553 U.S. PTO  
10/769217

013004

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of Inventor(s):  
Nancy K. Del Grande

For (title): THERMAL IMAGING METHOD TO DETECT SUBSURFACE OBJECTS

1. Type of Application

☒ This new application is for an original patent.

☐ This new application is a:

☐ Division

☐ Continuation

☐ Continuation-in-part (CIP)

2. Benefit of Prior U.S. Application(s) (35 USC 120)

☐ The new application being transmitted claims the benefit of prior U.S. application(s) listed below:

Application Serial No.

Filing Date

3. ☒ Benefit under 35 U.S.C. 119(e) of United States provisional application(s) listed below: 60/444,373 January 30, 2003

Application Serial No.

Filing Date

4. Papers enclosed which are required for filing Date Under 37 CFR 1.53(b).

14 Pages of specification

7 Pages of claims

1 Pages of abstract

1 Sheets of drawings

☒ formal

5. Additional papers enclosed

☐ Preliminary Amendment

☐ Information Disclosure Statement

☐ Form PTO-1449

User name is not in file listed

6. Declaration or oath

- ☒ Enclosed and executed by  
    ☒ the inventor  
    ☐ legal representative of inventor(s) 37 CFR 1.42 or 1.43  
☐ Not Enclosed

7. Assignment

- ☐ An assignment of the invention to  
    ☐ Is enclosed  
    ☐ will follow

8. Certified Copy

Certified copy(ies) of application(s)

(country)	(application no.)	(filed)
(country)	(application no.)	(filed)

from which priority is claimed

- ☐ is(are) attached.  
☐ will follow

9. Fee Calculation

CLAIMS AS FILED					
Type of Claim	Number Filed	Included in Basic Fee	Number Extra	Rate	Total Fee
Total Claims	20	-20 =		x \$18 =	\$ 0.00
Independent Claims	2	-3 =	0	x \$84 =	\$ 0.00
				Multiple Claims	= \$
				Basic Filing Fee	= \$ 770.00
				Total	= \$ 770.00

**10. Small Entity Statement(s)**

- ☒ This is a filing by small entity under 37 CFR 1.9 and 1.27.

Filing Fee Calculation (50% of regular filing fee) \$ 385.00

**11. Fee Payment**

- ☐ Not Enclosed  
☒ Enclosed

**Total Basic Filing Fees To Be Paid** \$ 385.00


**12. Method of Payment of Fees**

- ☐ Check in the Amount of .00  
☒ Authorization is hereby \$385.00  
given to deduct the total  
fee from Deposit Account  
501913

**A duplicate of this transmittal is attached.**

**13. Instructions As To Overpayment/Underpayment**

- ☒ credit/charge  
Account No. 501913  
☐ refund



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Dated: January 30, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Nancy K. Del Grande                      Docket No. : ND-1  
Serial No. :    Art Unit:  
Filed :    Examiner:  
For : Thermal Imaging Method To Detect Subsurface Objects

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**EXPRESS MAIL CERTIFICATE**

"Express Mail" label number EV123472350US

Date of Deposit January 30, 2004

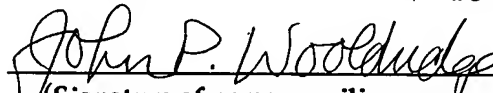
I hereby certify that the following *attached*

1. New Application Transmittal (3 pages, in duplicate);
2. Combined Declaration and Power of Attorney (2 pages);
3. Patent Application:  
(Specification 14 pages, Claims 7 pages, Abstract 1 page,  
One (1) sheet of drawings;
4. Express Mail Certificate; and
5. Return postcard,

are being deposited with the United States Postal Service "Express Mail Post Office to addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

John P. Wooldridge

(Type or print name of person mailing paper)

  
\_\_\_\_\_  
(Signature of person mailing paper or fee)